

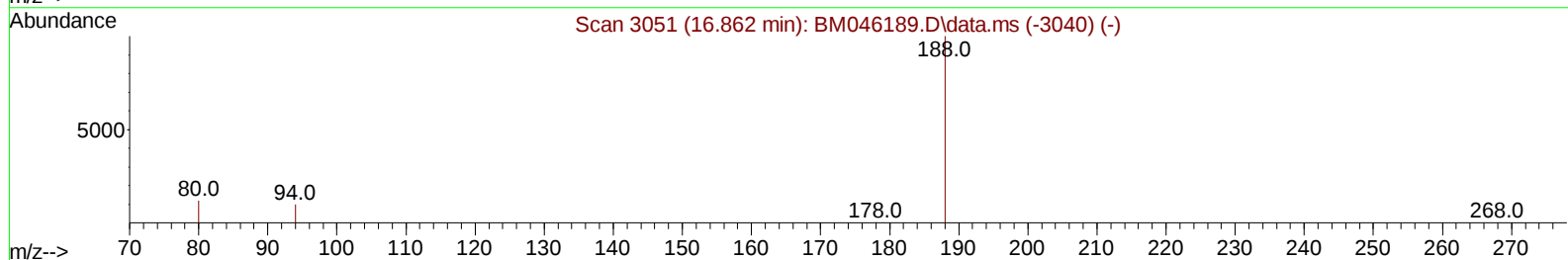
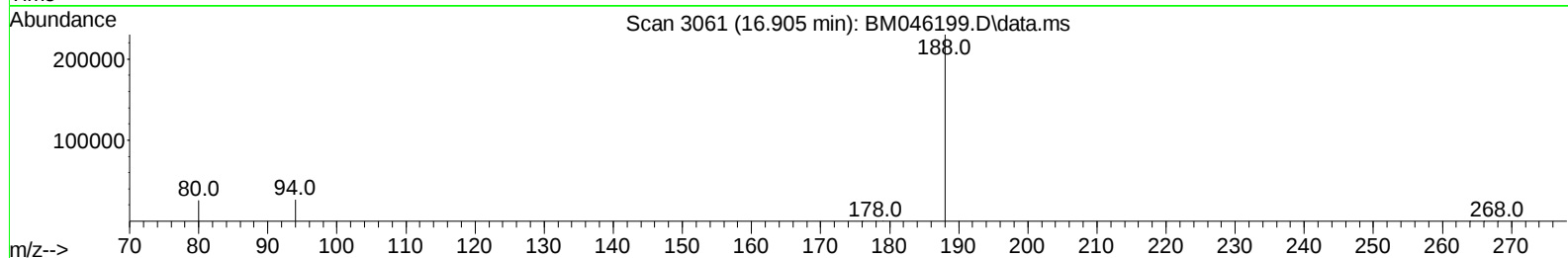
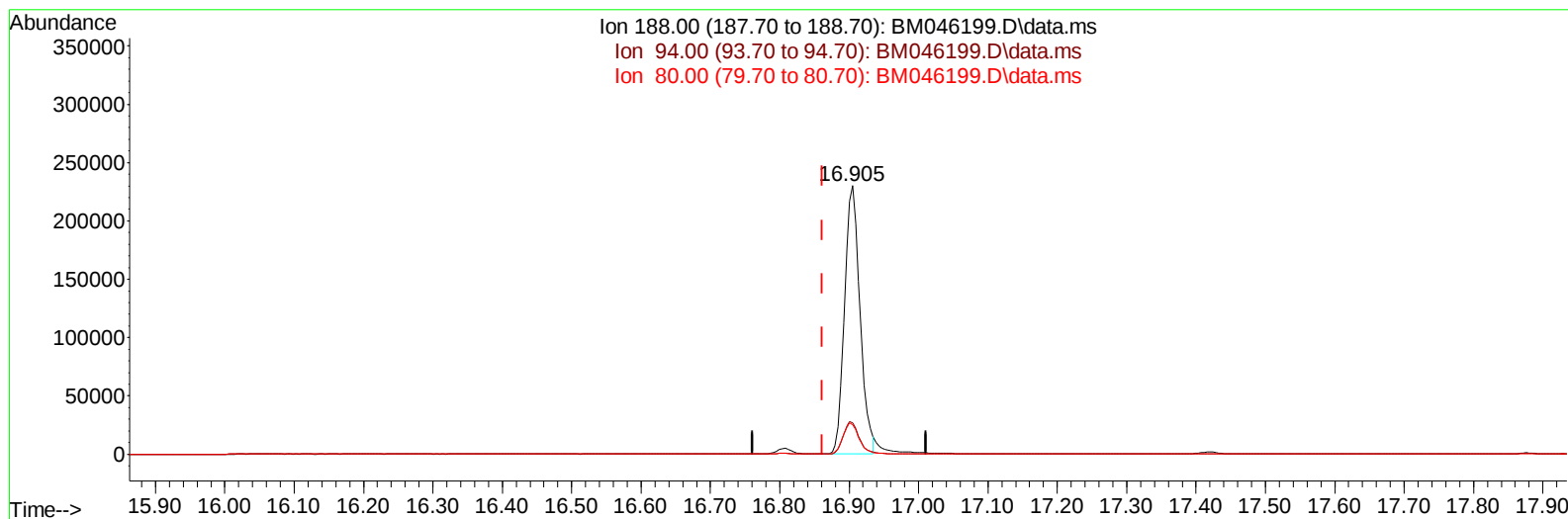
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046199.D
Acq On : 22 Jun 2024 15:52
Operator : MA/JU
Sample : P2775-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D54

Manual IntegrationsAPPROVED

Quant Time: Jun 22 16:39:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046199.D\data.ms

(13) Phenanthrene-d10 (I)

16.905min (+ 0.044) 0.40 ng/u1

response 355129

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	11.71
80.00	15.20	11.05#
0.00	0.00	0.00

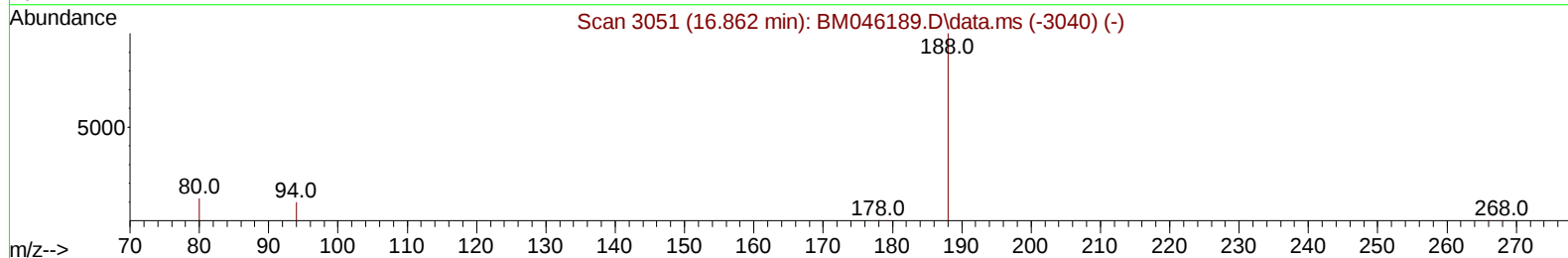
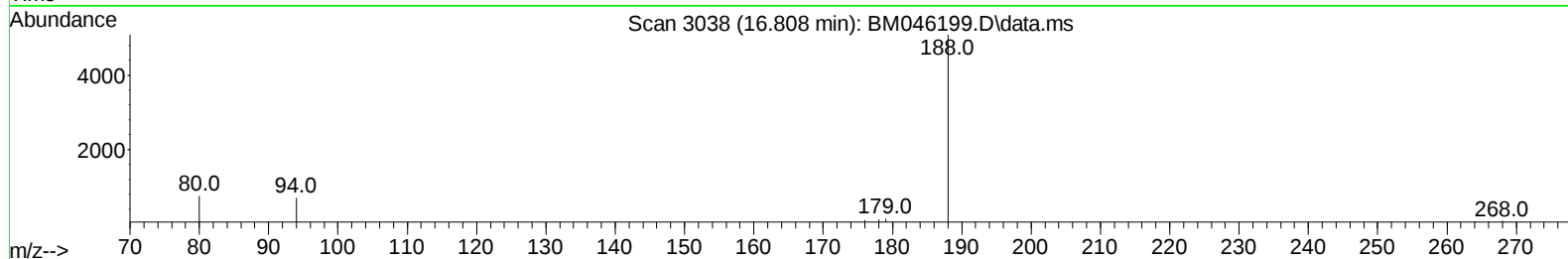
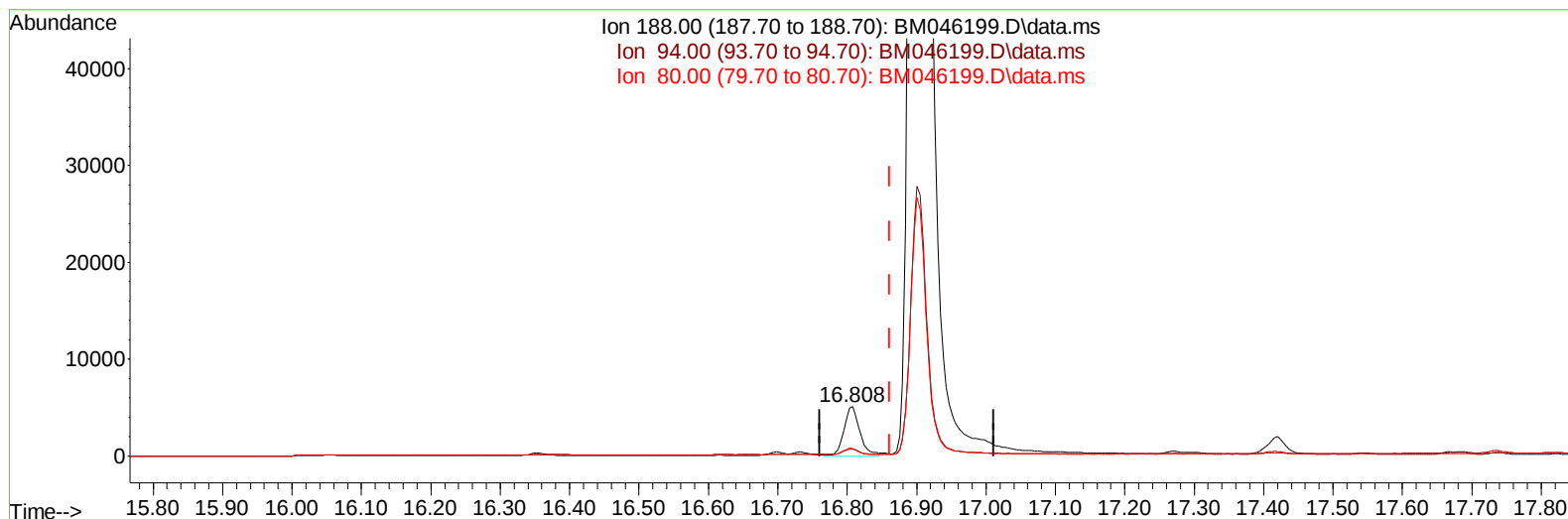
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046199.D
Acq On : 22 Jun 2024 15:52
Operator : MA/JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D54

Manual IntegrationsAPPROVED

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QLast Update : Sat Jun 22 02:10:56 2024
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TIC: BM046199.D\data.ms

(13) Phenanthrene-d10 (I)

16.808min (-0.053) 0.40 ng/u1 m

response 8095

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	13.89
80.00	15.20	14.91
0.00	0.00	0.00

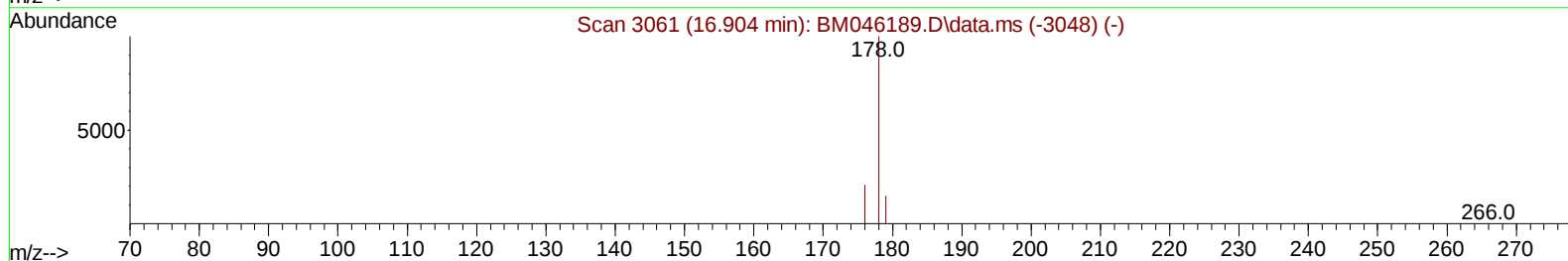
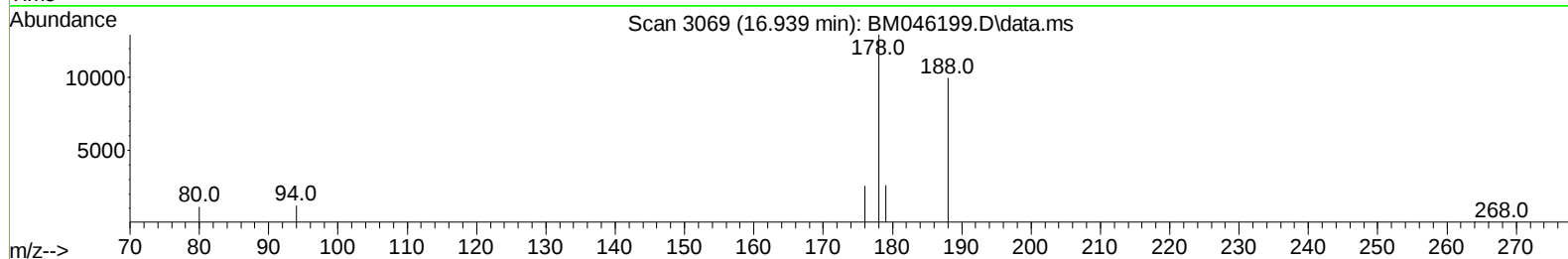
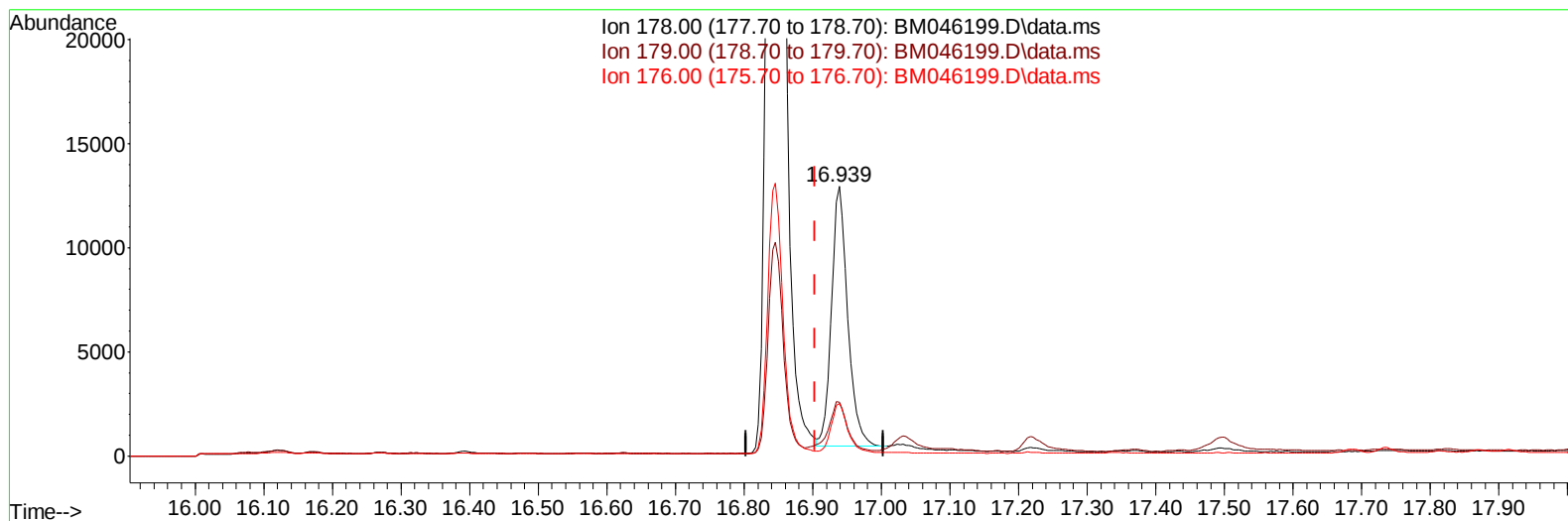
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046199.D
Acq On : 22 Jun 2024 15:52
Operator : MA/JU
Sample : P2775-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D54

Manual IntegrationsAPPROVED

Quant Time: Jun 22 16:39:56 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM046199.D\data.ms

(15) Phenanthrene

16.939min (+ 0.035) 0.90 ng/u1

response 20534

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	20.05
176.00	21.40	19.51
0.00	0.00	0.00

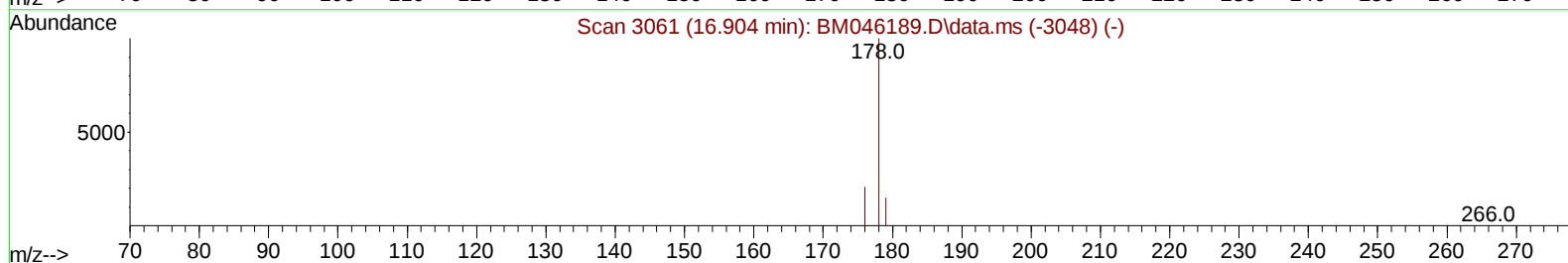
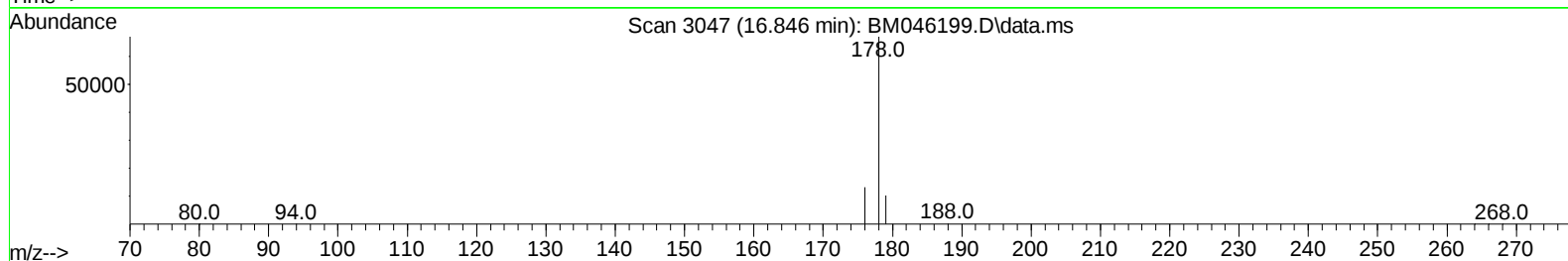
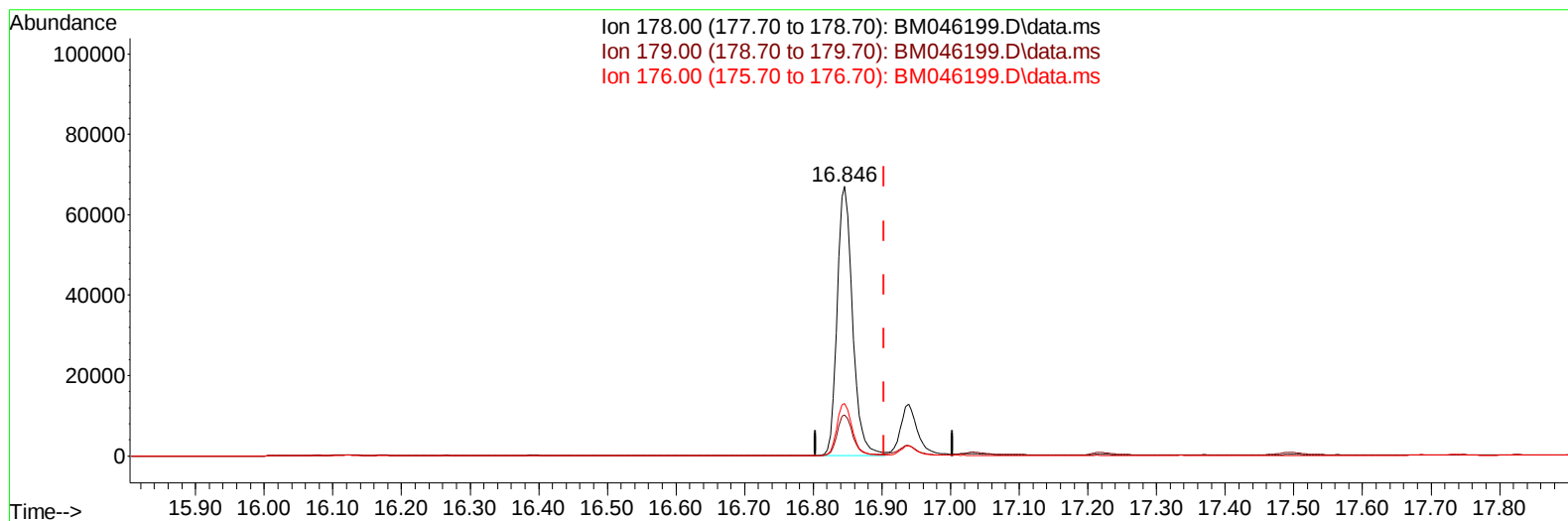
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046199.D
Acq On : 22 Jun 2024 15:52
Operator : MA/JU
Sample : P2775-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D54

Manual IntegrationsAPPROVED

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QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration



TIC: BM046199.D\data.ms

(15) Phenanthrene

16.846min (-0.058) 4.60 ng/u1 m

response 104516

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	15.32
176.00	21.40	19.57
0.00	0.00	0.00

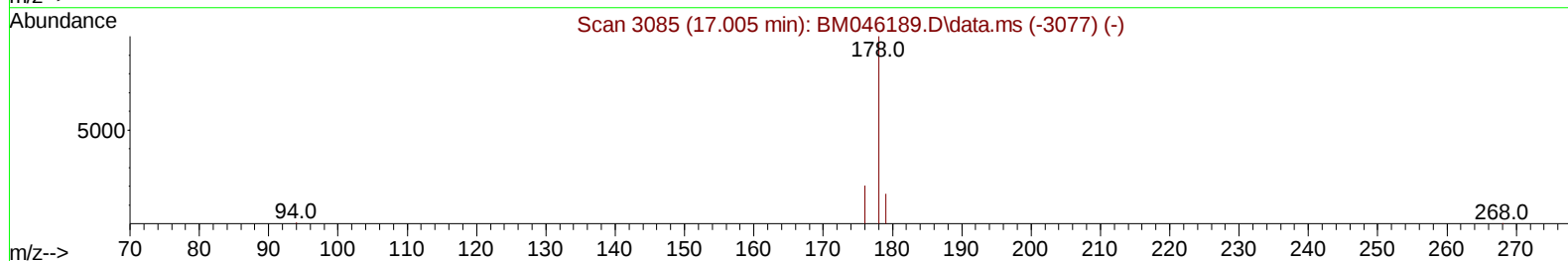
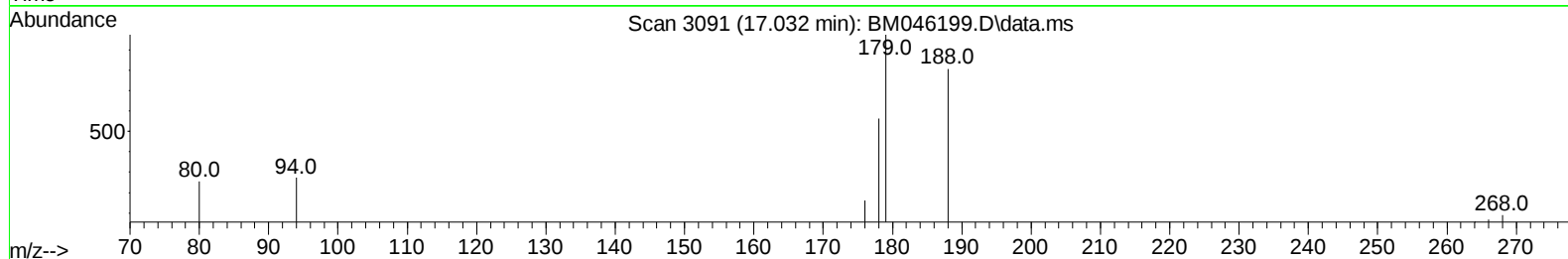
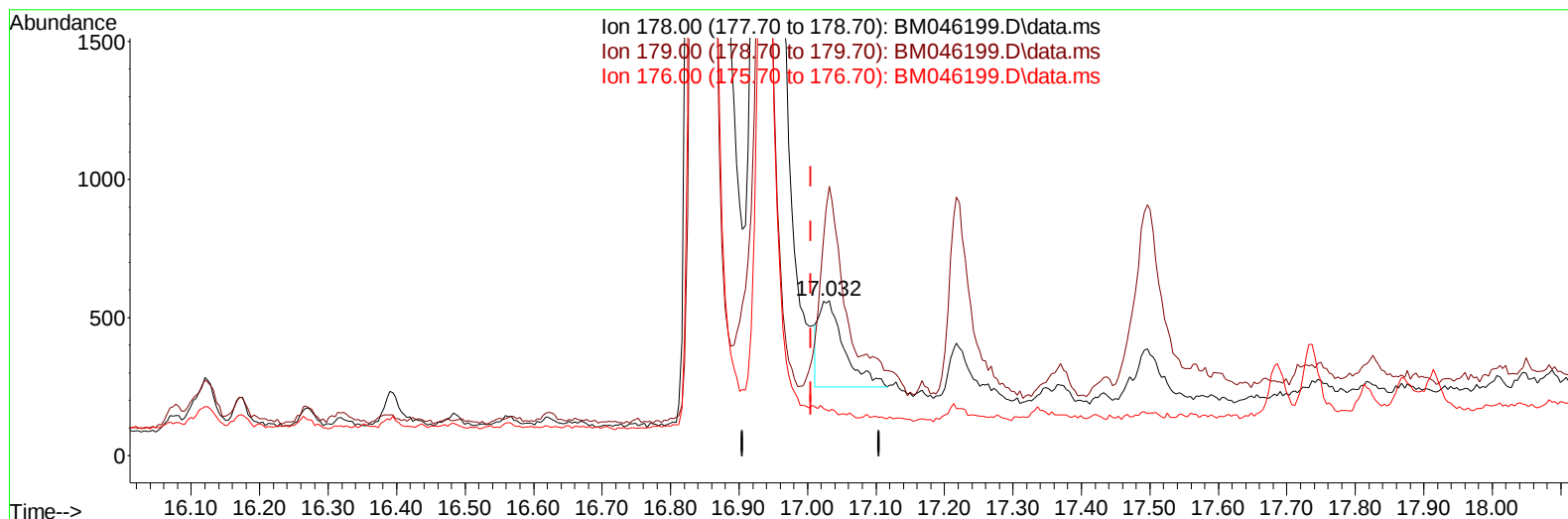
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046199.D
Acq On : 22 Jun 2024 15:52
Operator : MA/JU
Sample : P2775-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D54

Manual IntegrationsAPPROVED

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TIC: BM046199.D\data.ms

(16) Anthracene

17.032min (+ 0.027) 0.05 ng/u1

response 812

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	173.49#
176.00	21.20	28.65#
0.00	0.00	0.00

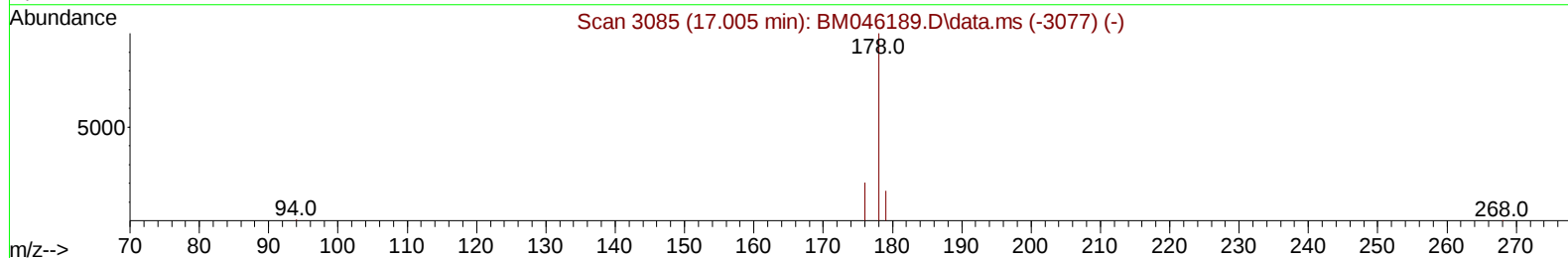
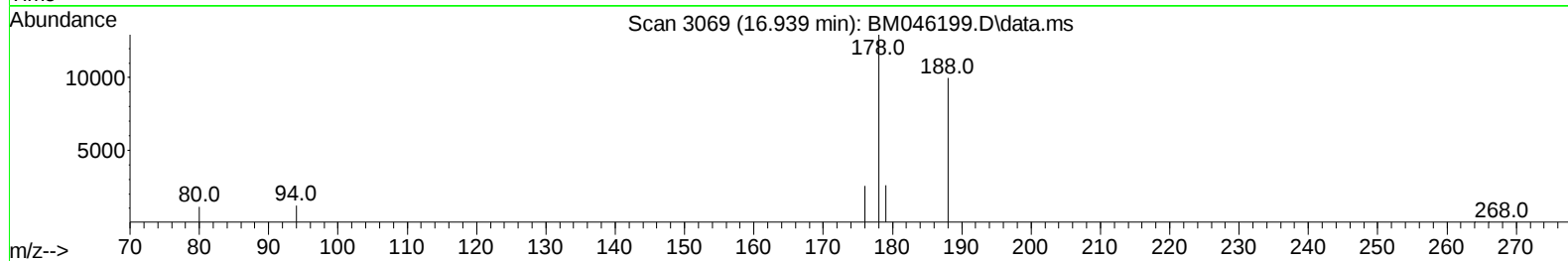
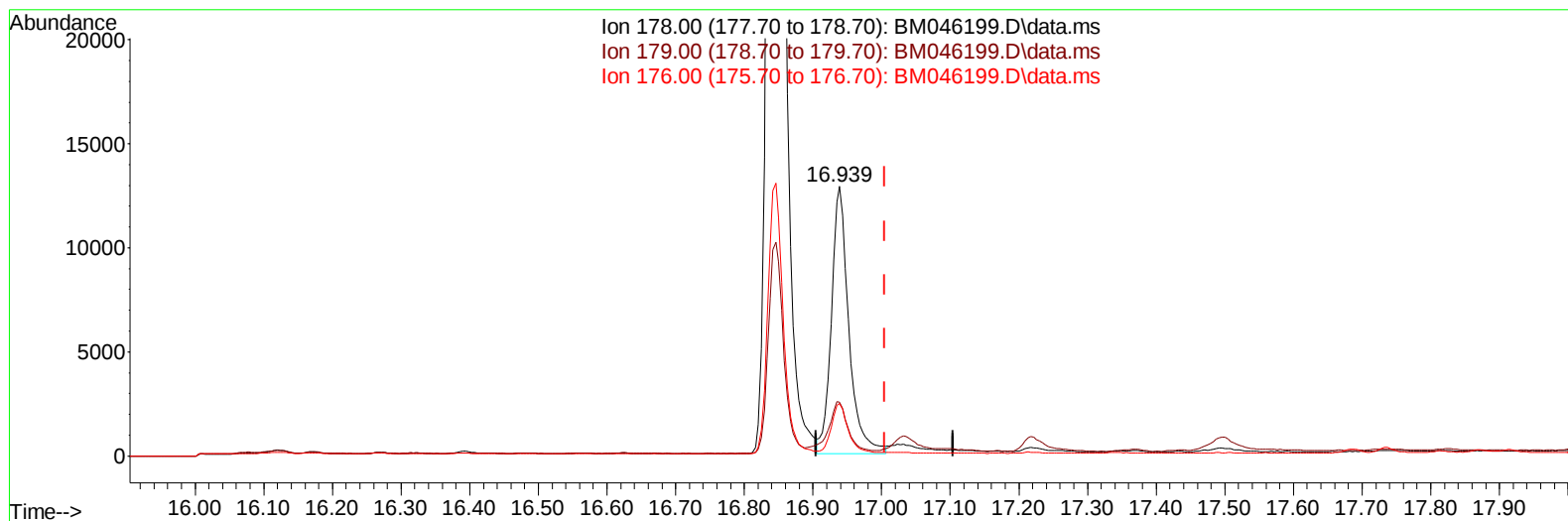
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046199.D
Acq On : 22 Jun 2024 15:52
Operator : MA/JU
Sample : P2775-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D54

Manual IntegrationsAPPROVED

Quant Time: Jun 22 16:39:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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TIC: BM046199.D\data.ms

(16) Anthracene

16.939min (-0.066) 1.34 ng/u1 m

response 22723

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	20.05
176.00	21.20	19.51
0.00	0.00	0.00

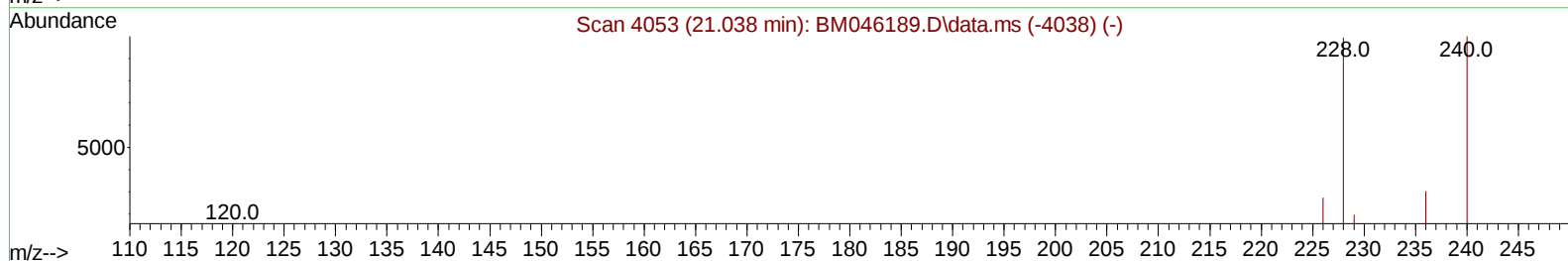
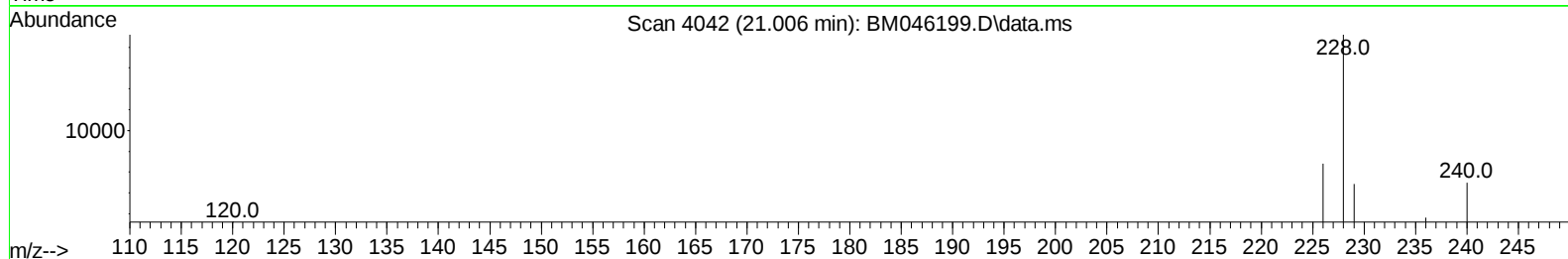
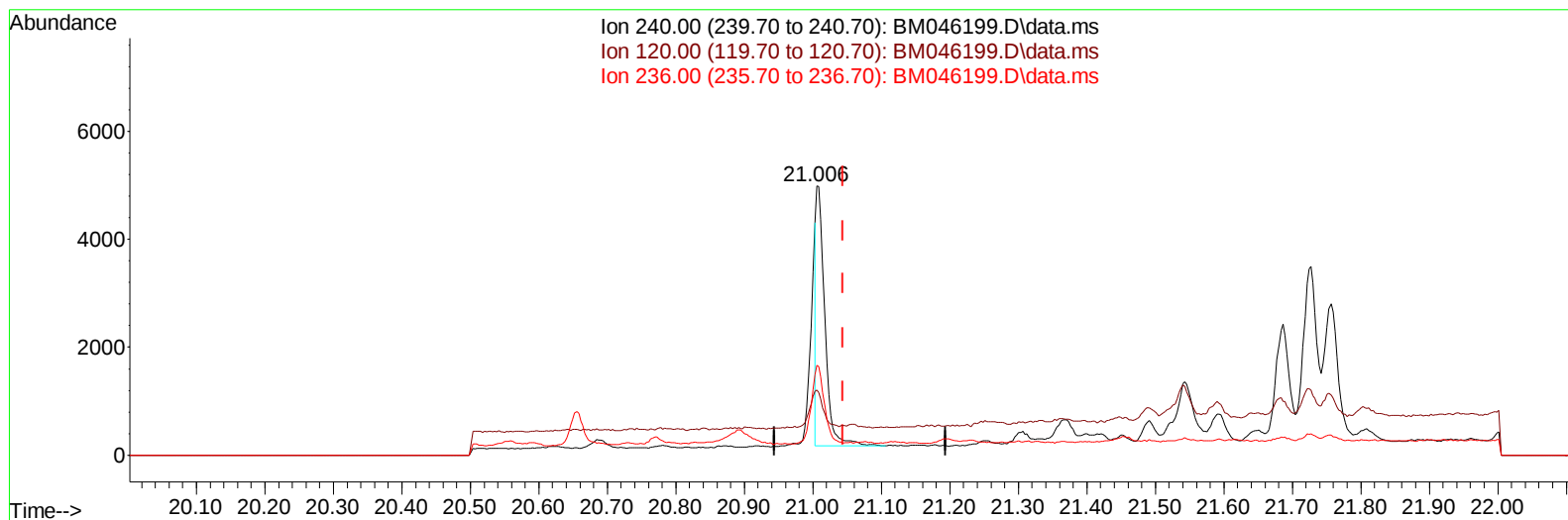
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046199.D
Acq On : 22 Jun 2024 15:52
Operator : MA/JU
Sample : P2775-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D54

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024
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QLast Update : Sat Jun 22 02:10:56 2024
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TIC: BM046199.D\data.ms

(17) Chrysene-d12

21.006min (-0.038) 0.40 ng/u1

response 4300

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	24.22
236.00	33.60	33.30
0.00	0.00	0.00

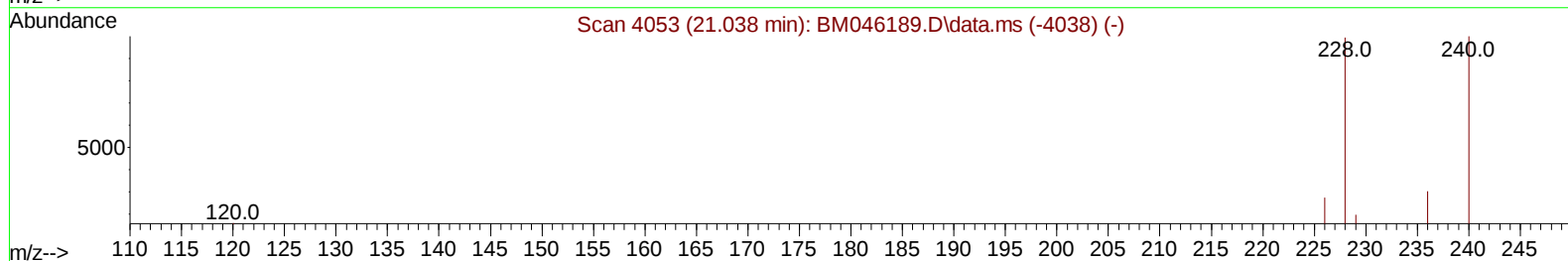
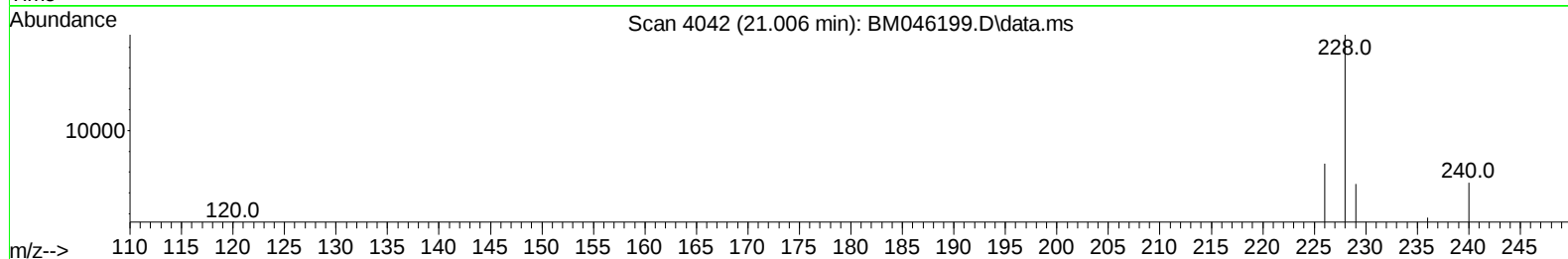
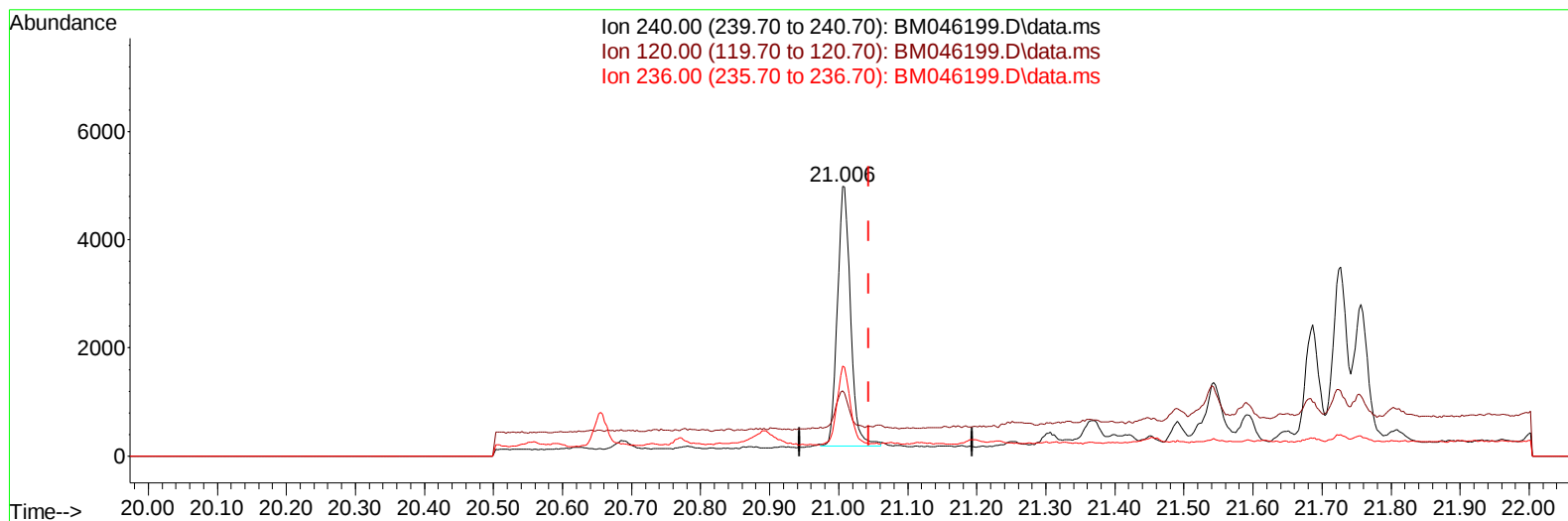
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046199.D
Acq On : 22 Jun 2024 15:52
Operator : MA/JU
Sample : P2775-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D54

Manual IntegrationsAPPROVED

Quant Time: Jun 22 16:39:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM046199.D\data.ms

(17) Chrysene-d12

21.006min (-0.038) 0.40 ng/u1 m

response 6295

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	24.22
236.00	33.60	33.30
0.00	0.00	0.00

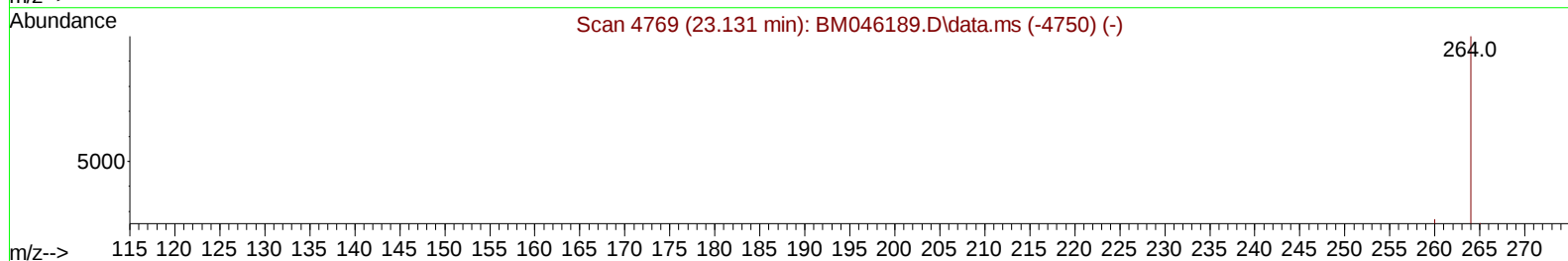
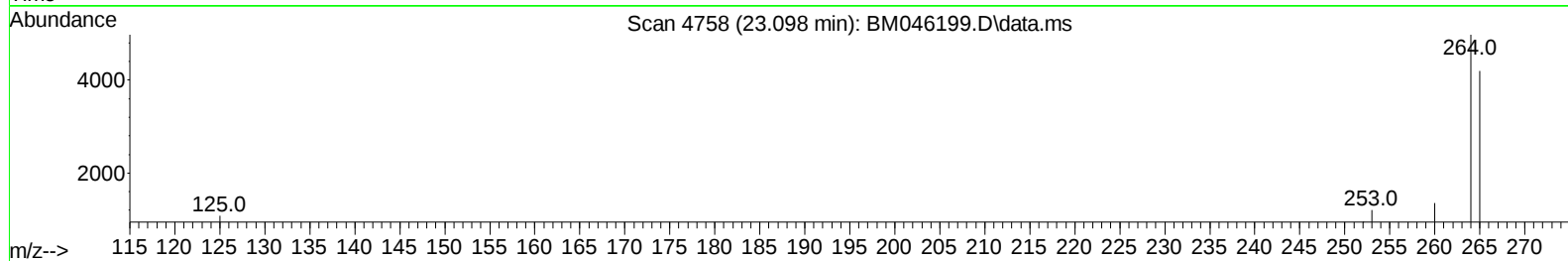
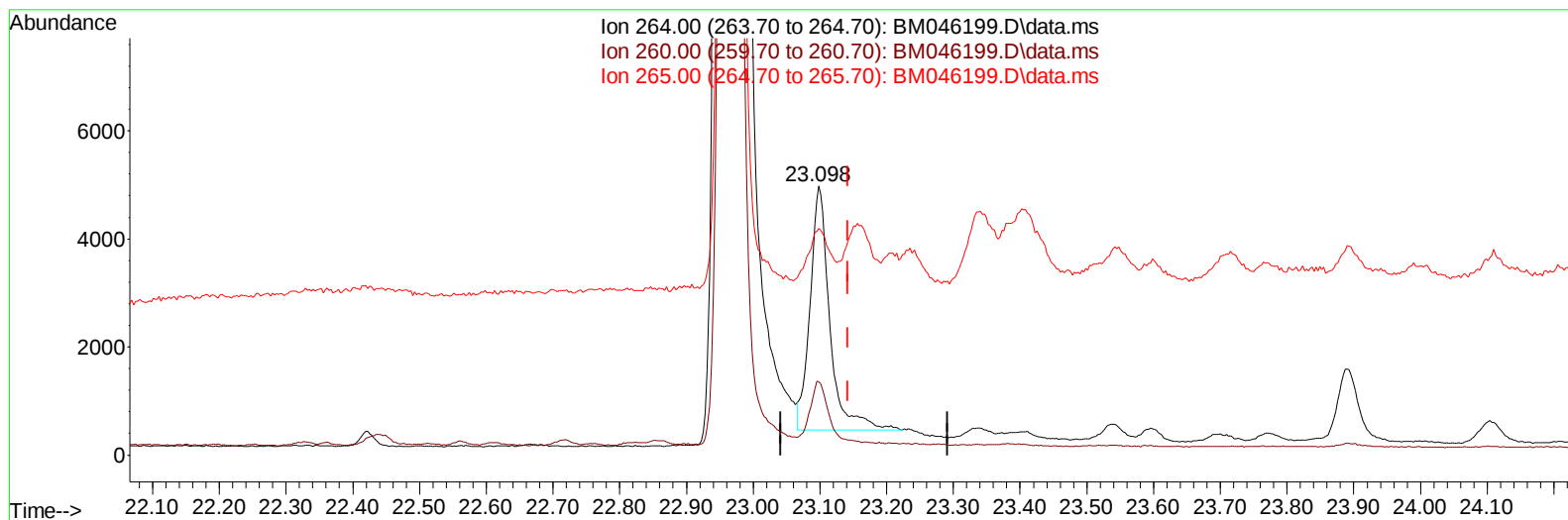
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046199.D
Acq On : 22 Jun 2024 15:52
Operator : MA/JU
Sample : P2775-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D54

Manual IntegrationsAPPROVED

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TIC: BM046199.D\data.ms

(23) Perylene-d12 (I)

23.098min (-0.044) 0.40 ng/u1

response 9255

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.27
265.00	110.60	84.31#
0.00	0.00	0.00

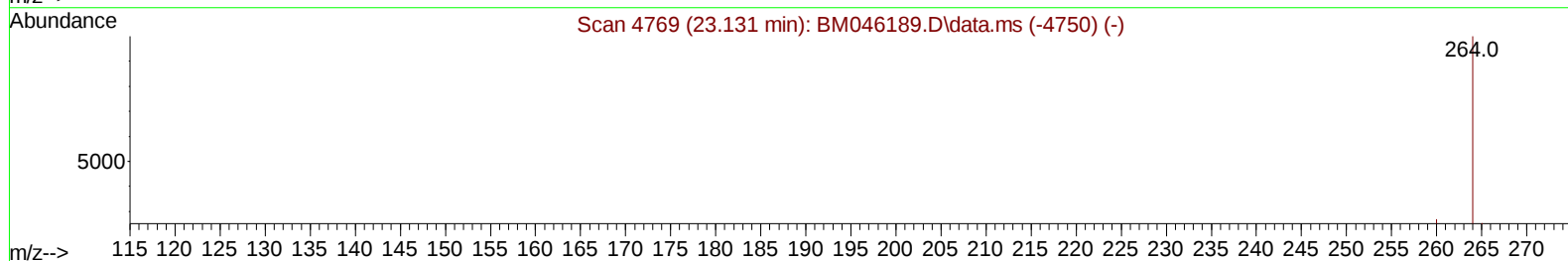
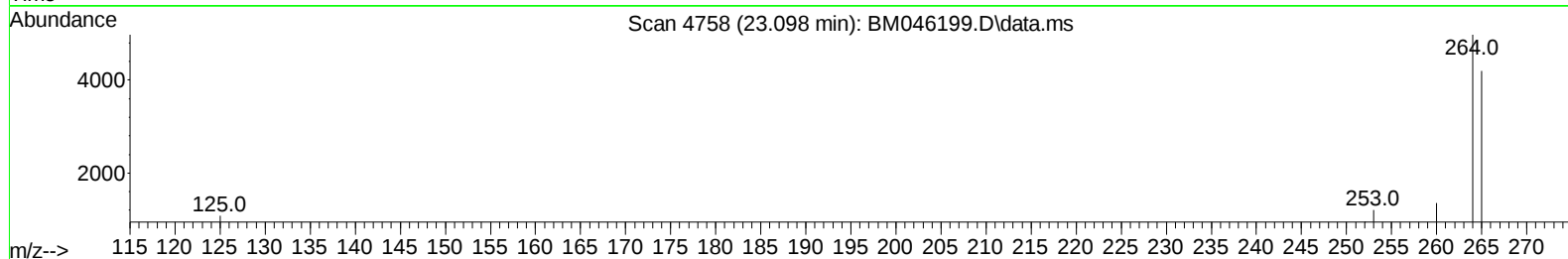
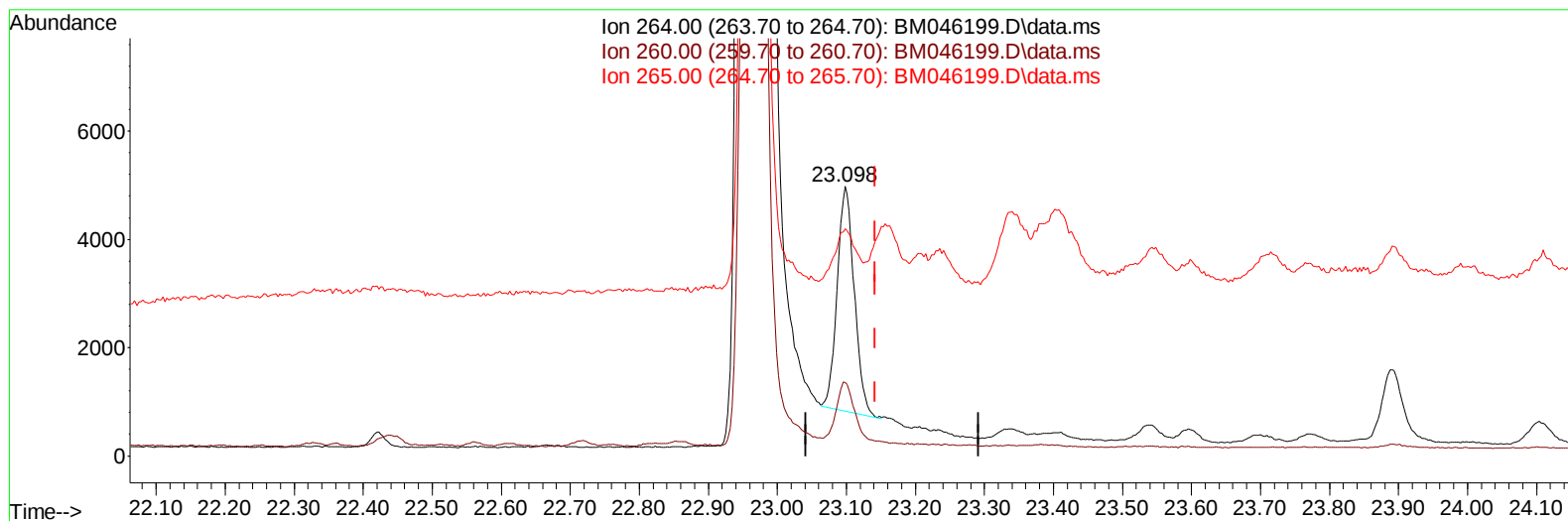
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046199.D
Acq On : 22 Jun 2024 15:52
Operator : MA/JU
Sample : P2775-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D54

Manual IntegrationsAPPROVED

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TIC: BM046199.D\data.ms

(23) Perylene-d12 (I)

23.098min (-0.044) 0.40 ng/u1 m

response 7108

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.27
265.00	110.60	84.31#
0.00	0.00	0.00

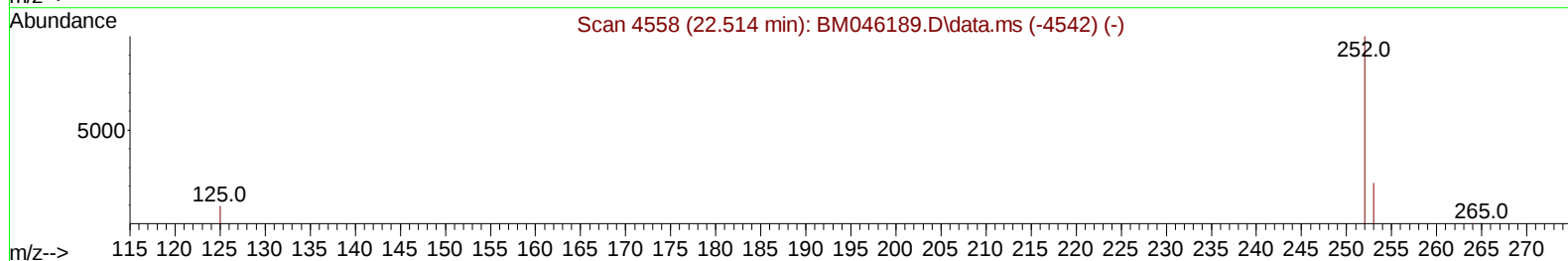
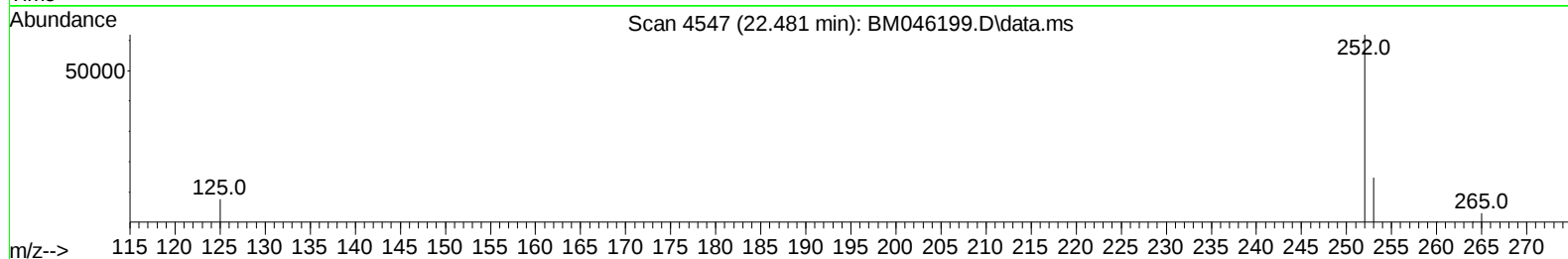
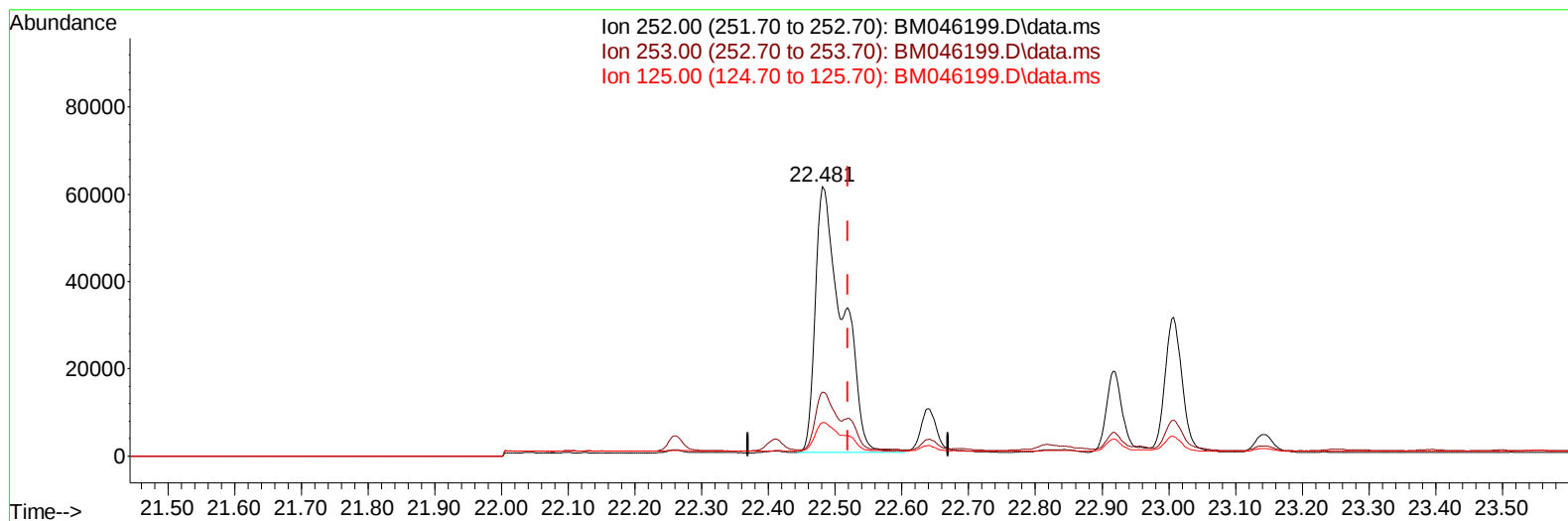
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM046199.D\data.ms

(24) Benzo(b)fluoranthene

22.481min (-0.038) 6.71 ng/u1

response 171959

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	23.80
125.00	20.10	12.41
0.00	0.00	0.00

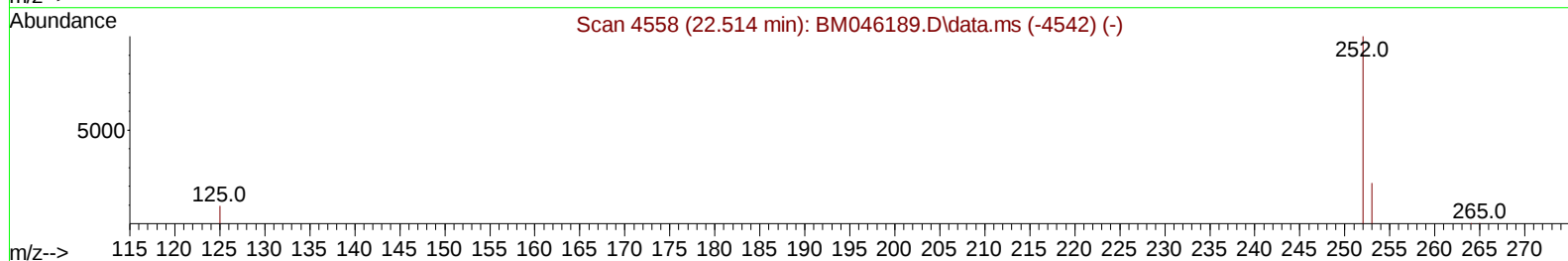
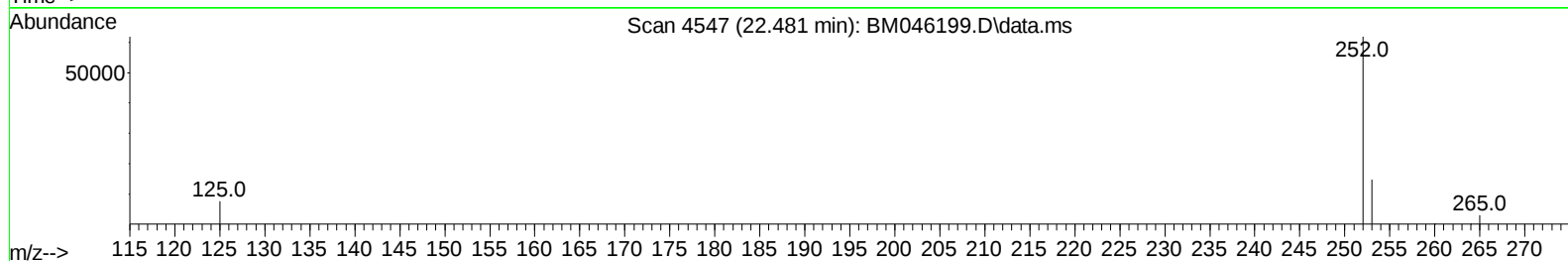
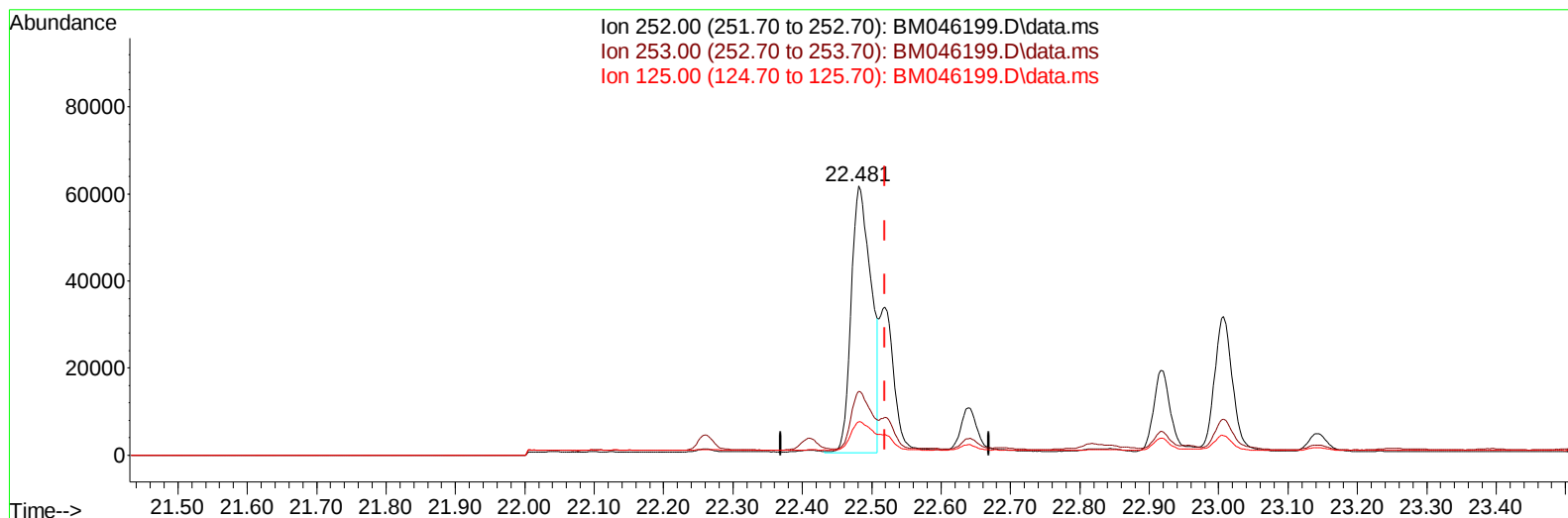
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046199.D
Acq On : 22 Jun 2024 15:52
Operator : MA/JU
Sample : P2775-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
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A4D54

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Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046199.D\data.ms

(24) Benzo(b)fluoranthene

22.481min (-0.038) 4.79 ng/u1 m

response 122660

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	23.80
125.00	20.10	12.41
0.00	0.00	0.00

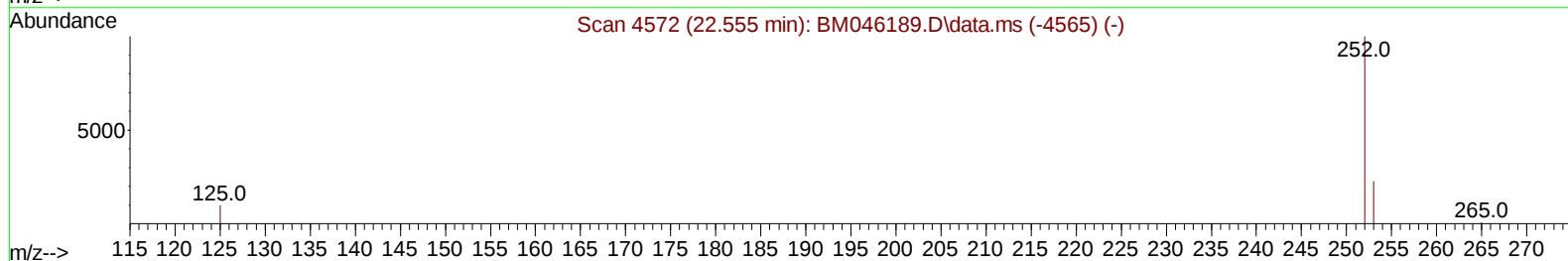
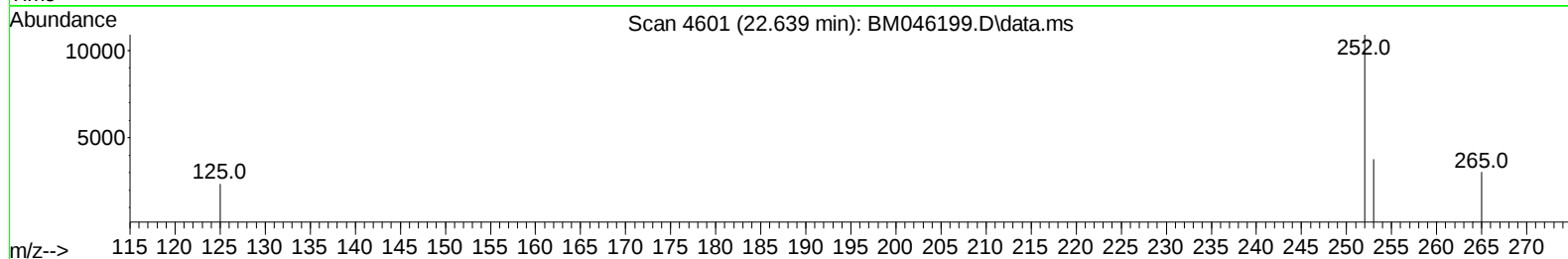
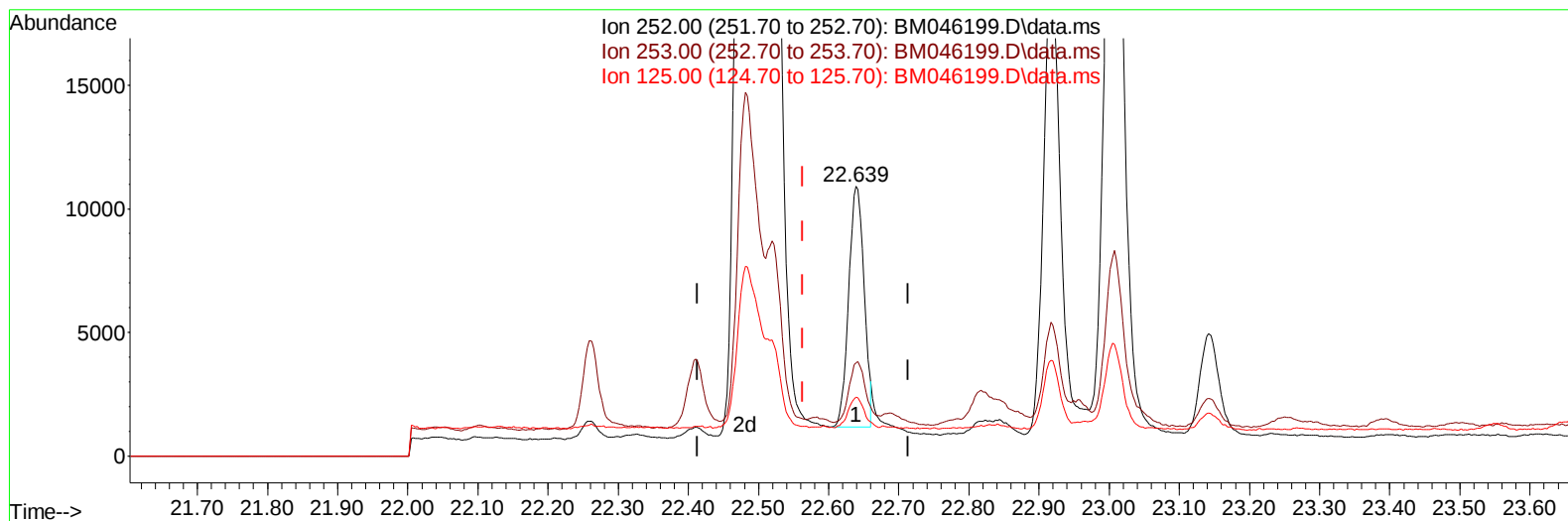
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046199.D
Acq On : 22 Jun 2024 15:52
Operator : MA/JU
Sample : P2775-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D54

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TIC: BM046199.D\data.ms

(25) Benzo(k)fluoranthene

22.639min (+ 0.076) 0.49 ng/u1

response 14781

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	34.52
125.00	20.80	21.72
0.00	0.00	0.00

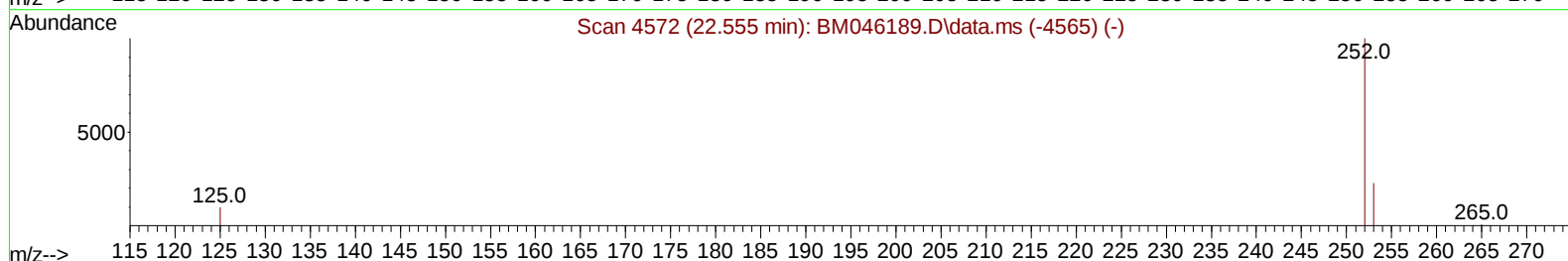
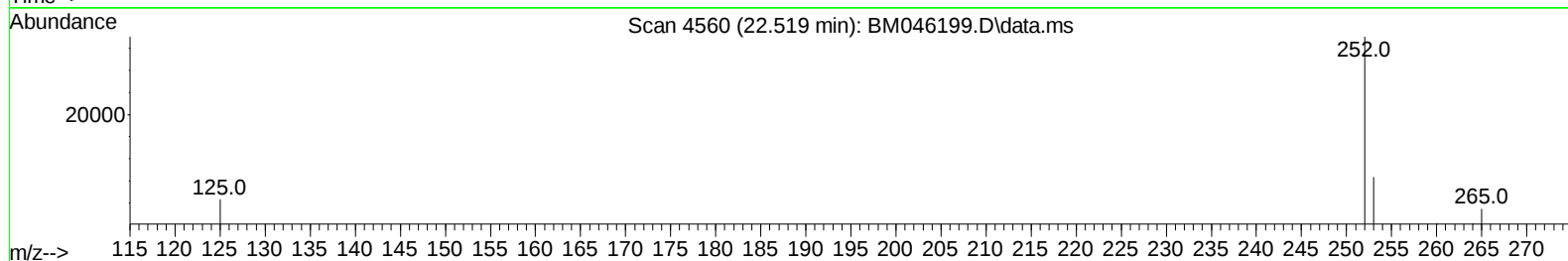
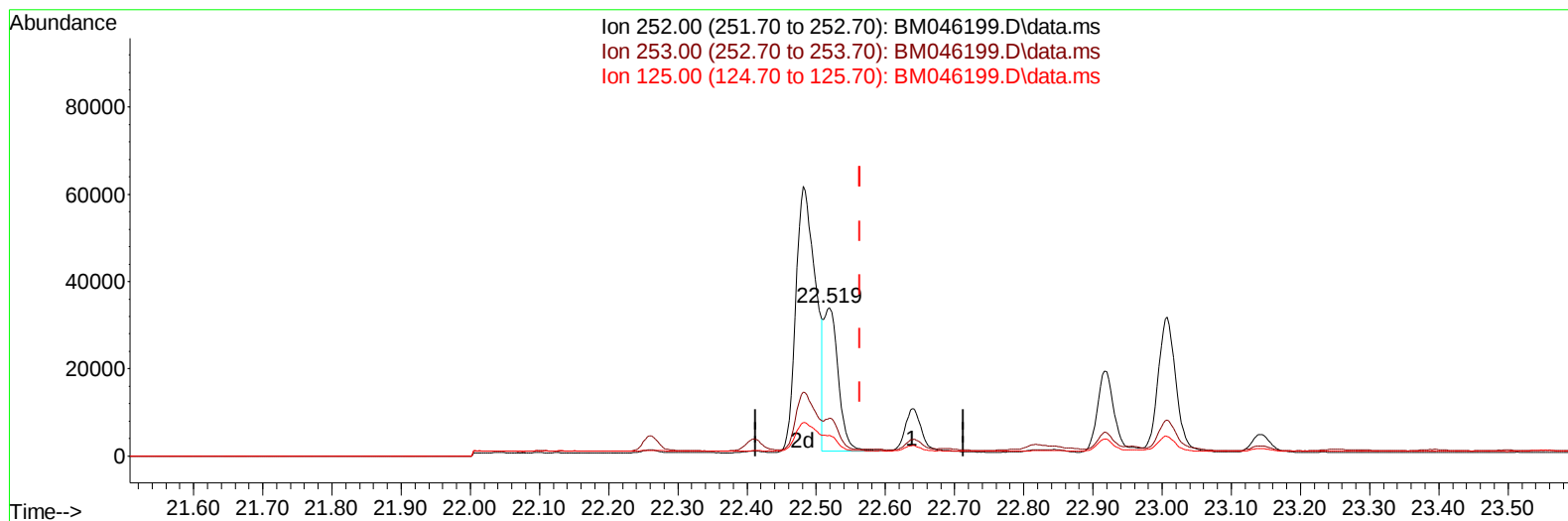
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046199.D
Acq On : 22 Jun 2024 15:52
Operator : MA/JU
Sample : P2775-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D54

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

Quant Time: Jun 22 16:39:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration



TIC: BM046199.D\data.ms

(25) Benzo(k)fluoranthene

22.519min (-0.044) 1.61 ng/u1 m

response 48887

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	25.50#
125.00	20.80	13.79#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.413	152	2169	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.189	136	6428	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.063	164	3635	0.400	ng/ul	#-0.05
13) Phenanthrene-d10	16.808	188	8095m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.006	240	6295m	0.400	ng/ul	-0.04
23) Perylene-d12	23.098	264	7108m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	8627	2.899	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.817	152	1904	0.221	ng/ul	-0.05
18) Fluoranthene-d10	18.840	212	5102	0.271	ng/ul	-0.05
Target Compounds						
						Qvalue
5) Naphthalene	10.233	128	3035	0.169	ng/ul	97
7) 2-Methylnaphthalene	11.888	142	890	0.088	ng/ul	96
8) 1-Methylnaphthalene	12.102	142	812	0.073	ng/ul	99
10) Acenaphthylene	13.781	152	7326	0.425	ng/ul	99
11) Acenaphthene	14.123	153	4039	0.324	ng/ul	99
12) Fluorene	15.122	166	5280	0.395	ng/ul	99
15) Phenanthrene	16.846	178	104516m	4.596	ng/ul	
16) Anthracene	16.939	178	22723m	1.342	ng/ul	
19) Fluoranthene	18.867	202	211497	7.760	ng/ul	96
20) Pyrene	19.230	202	154820	5.252	ng/ul	97
21) Benzo(a)anthracene	20.991	228	95320	3.920	ng/ul	99
22) Chrysene	21.041	228	85447	2.754	ng/ul	99
24) Benzo(b)fluoranthene	22.481	252	122660m	4.790	ng/ul	
25) Benzo(k)fluoranthene	22.519	252	48887m	1.606	ng/ul	
26) Benzo(a)pyrene	23.007	252	55599	2.343	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.142	276	52368	1.348	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.145	278	14924	0.516	ng/ul	100
29) Benzo(g,h,i)perylene	25.765	276	8070	0.242	ng/ul#	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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